

We Want to Hear From You

Shell Disposal Trenches Remediation Project – RCRA-Equivalent Cover Construction 95 Percent Design Document Rocky Mountain Arsenal

The U.S. Army recently completed the Shell Disposal Trenches (SDT) RCRA (Resource Conservation and Recovery Act)-Equivalent Cover Construction 95% Design Package. This design analysis was formerly combined with the Complex Army Disposal Trenches Remediation Project 30 Percent Design that included cover sub-grade and RCRA-Equivalent Cover design parameters. This design package now addresses only the RCRA-Equivalent Cover aspect of the remedy for the SDT site, which is located in the central portion of the Rocky Mountain Arsenal (RMA). The trenches were used for the disposal of Shell's plant wastes from 1952 to 1966. The SDT cover area has been expanded to include a drum storage area that is located immediately south of the disposal trenches and was used by Shell from 1966 to approximately 1974.

A RCRA-Equivalent Cover takes advantage of the semi-arid conditions in the Denver area, and is composed of a vegetated soil cover that stores moisture like a sponge and removes it naturally by means of evapotranspiration. This design presents the first RCRA-Equivalent Cover that will be constructed at RMA. The remedy for the SDT Remediation Project is described in the Record of Decision (ROD). The ROD, which was signed by the Army, the State of Colorado, and the U.S. Environmental Protection Agency (EPA) on June 11, 1996, provides a detailed description of the cleanup approach selected for Rocky Mountain Arsenal (RMA). This document, along with the Administrative Record and documents supporting the cleanup, are available at the RMA Joint Administrative Record and Document Facility (JARDF), 303-289-0362, open M-F 12-4:00 p.m. or by appointment and at the EPA Superfund Records Center, 303-312-7287, open M-F 8 a.m. - 4 p.m.

Comments on this 95 Percent Design are requested by March 28, 2005. *Written questions/concerns should be directed to: Ms. Peggy Machamer, Remediation Venture Public Relations Office, RMA, Building 111, Commerce City, CO 80022-1748; 303-289-0300.*